

The present invention is directed to a method and apparatus that streamlines the process of prescribing and acquiring medical imaging experiments and data processing applications. The present application provides a modular intuitive and guided workflow having a graphical user interface that may be tailored and made singular and unique for each individual application. The user interface implements a guided management tool that incorporates the general principle that user activity is more efficient when it begins in the upper left-hand portion of the screen and proceeds horizontally across the screen moving from left-to-right and top-to-bottom. The user interface incorporates a number of tabs wherein each tab corresponds to a major prescription step. The tabs are aligned vertically along the left side of the user interface and are used to modularize the application workflow.